Missouri Water Quality

Antidegradation Policy and Implementation Procedure

Developed by Phil Schroeder, 2/21/06

Table of Contents

- I. Missouri's Water Quality Antidegradation Policy
 - A. Summary of Applicable Laws and Regulations on Antidegradation
 - B. Definition of Tier Designations
 - 1. Tier 1 Waters
 - 2. Tier 2 Waters
 - 3. Tier 3 Waters
 - C. Assigning Tier Designations
 - D. Revising Tier Designations
- II. Missouri's Antidegradation Implementation Procedure
 - A. Review for Alternatives to Discharges
 - B. Review for Conformance to Technology-Based Requirements
 - C. Review for Implementation of Non-Point Source Controls
 - D. Determining the Significance of and Allowance for Degradation
 - 1. Water Body-by Water Body Approach
 - 2. Pollutant-by-Pollutant Approach
 - 3. Affect on Beneficial Uses and Classifications
 - a) Classified Waters
 - b) Unclassified Waters
 - 4. Review for Cumulative Degradation
 - E. Determining Socio-Economic Conditions
 - F. Adjusting Treatment Design to Socio-Economic Conditions

- G. Public and Interagency Participation in Antidegradation Reviews
- III. Permitting Considerations
 - A. General Permits
 - B. Site-Specific Permits
 - C. 401 Certifications
- IV. Monitoring and Assessment Considerations
 - A. Data Collection and Evaluation
 - B. Applicability to 305(b) Report and 303(d) List
- V. Applicability to Total Maximum Daily Loads
- VI. Inspection and Enforcement Considerations
- VII. Administrative Record of Decisions



- Figure 1. Flowchart of Antidegradation Reviews
- Figure 2. Worksheet for Evaluating Alternatives to Discharges
- Figure 3. Worksheet for Evaluating Adequacy of Non-Point Source Management Plan Implementation
- Figure 4. Worksheet for Evaluating Cumulative Degradation
- Figure 5. Worksheet for Using the Water Body-by-Water Body Approach for Determining Significance of Degradation
- Figure 6. Worksheet for Using the Pollutant-by-Pollutant Approach for Determining Significance of Degradation
- Figure 7. Worksheet for Evaluating Socio-Economic Conditions

List of Tables

Table 1. List of Documents Necessary for the Administrative Record

